AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A compound comprising the formula:

(I)

$$R_1 = \left\{ \begin{array}{c} R_2 \\ C \\ R_3 \end{array} \right\}_m \left(M \right)_a C - N - C - E_2$$

$$E_4 \quad E_3$$

wherein:

R₁ is a polymeric residue;

Y₁ is O, S or NR₄;

M is O, S or NR₅;

 E_1 is

 E_{2-4} are independently H, E_1 or

$$\begin{array}{c|c}
 & Y_3 \\
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- (a) is zero or one;
- (m) is zero or a positive integer;
- (n) and (p) are independently 0 or a positive integer;

Y₂₋₃ are independently O, S or NR₁₀;

 R_{2-10} are independently selected from the group consisting of hydrogen,

 C_{1-6} alkyls, C_{3-12} branched alkyls, C_{3-8} cycloalkyls, C_{1-6} substituted alkyls, C_{3-8} substituted cycloalkyls, aryls, substituted aryls, aralkyls, C_{1-6} heteroalkyls, substituted C_{1-6} heteroalkyls, C_{1-6} alkoxy, phenoxy and C_{1-6} heteroalkoxy;

 D_1 and D_2 are independently ΘH ,

or a terminal branching group;

wherein

(v) and (t) are independently 0 or a positive integer up to about 6;

J is
$$NR_{12}$$
 or

L₁ and L₂ are independently selected bifunctional linkers;

Y₄₋₇ are independently selected from the group consisting of O, S and NR₁₇;

 R_{11-17} are independently selected from the group consisting of hydrogen, C_{1-6} alkyls, C_{3-12} branched alkyls, C_{3-8} cycloalkyls, C_{1-6} substituted alkyls, C_{3-8} substituted cycloalkyls, aryls, substituted aryls, aralkyls, C_{1-6} heteroalkyls, substituted C_{1-6} heteroalkyls, C_{1-6} alkoxy, phenoxy and C_{1-6} heteroalkoxy heteroakoxy;

Ar is a moiety which when included in Formula (I) forms a multi-substituted aromatic hydrocarbon or a multi-substituted heterocyclic group; and

B₁ and B₂ are independently selected from the group consisting of leaving groups, OH, residues of hydroxyl-containing moieties or amine-containing moieties; or a terminal branching group of the formula

wherein

 E_{35} is

$$\begin{array}{c|c}
 & Y_2 \\
 & \parallel^2 \\
 & C \\
 & R_6
\end{array}$$

E₃₆₋₃₈ are independently H, E₃₅ or

$$\begin{array}{c|c}
 & & Y_3 \\
 & & \parallel \\
 & & C \\
 & & P
\end{array}$$

$$\begin{array}{c|c}
 & & & C \\
 & & & P
\end{array}$$

<u>D', is</u>

<u>or</u>

(VII)
$$E_{45}$$
 $-N-C-E_{46}$
 E_{48} . E_{47}

wherein

 E_{45} is

$$\begin{array}{c|c}
 & Y_2 \\
 & \parallel^2 \\
 & C \\
 & R_6
\end{array}$$

E₄₆₋₄₈ are independently H, E₄₅ or

$$\begin{array}{c|c}
 & Y_3 \\
 & \parallel \\
 & C \\
 & P
\end{array}$$

$$\begin{array}{c|c}
 & C \\
 & P
\end{array}$$

wherein

<u>D'', is</u>

or

D''2 is OH,

<u>or</u>

provided that E_{2-4} are not all H and Dt and D2 are both not OH.

2. (Original) The compound of claim 1, wherein R₁ further comprises a capping group A, selected from the group consisting of hydrogen, NH₂, OH, CO₂H, C₁₋₆ moieties and

$$E_{2} \xrightarrow{E_{1}} \begin{bmatrix} Y_{1} & Y_{1} & R_{2} \\ Y_{1} & X_{2} & X_{3} \end{bmatrix}$$

$$E_{2} \xrightarrow{C} \xrightarrow{R_{2}} \begin{bmatrix} X_{1} & X_{2} & X_{3} & X_{4} \\ X_{2} & X_{3} & X_{4} & X_{4} \end{bmatrix} \xrightarrow{R_{2}} \begin{bmatrix} X_{1} & X_{2} & X_{3} \\ X_{2} & X_{3} & X_{4} & X_{4} \end{bmatrix} \xrightarrow{R_{2}} \begin{bmatrix} X_{1} & X_{2} & X_{3} \\ X_{2} & X_{3} & X_{4} & X_{4} \end{bmatrix} \xrightarrow{R_{2}} \begin{bmatrix} X_{1} & X_{2} & X_{3} \\ X_{2} & X_{3} & X_{4} & X_{4} \end{bmatrix} \xrightarrow{R_{2}} \begin{bmatrix} X_{1} & X_{2} & X_{3} \\ X_{2} & X_{3} & X_{4} & X_{4} \end{bmatrix}$$

3. (Original) A compound of claim 2, comprising the formula:

$$E_{2} = \begin{bmatrix} E_{1} & Y_{1} & E_{2} \\ C & N & C \end{bmatrix} = \begin{bmatrix} R_{2} \\ C & R_{3} \end{bmatrix}_{m} = \begin{bmatrix} R_{2} \\ R_{3} & R_{3} \end{bmatrix}_{m} = \begin{bmatrix} R_{2}$$

- 4. (Cancelled)
- 5. (Previously amended) The compound of claim 3, wherein Y_1 is O.
- 6. (Original) The compound of claim 1, wherein R₁ comprises a polyalkylene oxide residue.
- 7. (Original) The compound of claim 6, wherein R₁ comprises a polyethylene glycol residue.
- 8. (Original) The compound of claim 3, wherein R₁ comprises a polyethylene glycol residue.
- 9. (Original) The compound of claim 6, wherein R₁ is selected from the group consisting of

$$-C(=Y_6)-(CH_2)_fO-(CH_2CH_2O)_x-A$$
,

$$-C(=Y_6)-Y_7-(CH_2)_5-O-(CH_2CH_2O)_x-A$$
,

$$-C(=Y_6)-NR_{23}-(CH_2)_CO-(CH_2CH_2O)_x-A$$

$$-(CR_{24}R_{25})_c-O-(CH_2)_c-O-(CH_2CH_2O)_x-A$$

- $-C(=Y_6)-(CH_2)_f O-(CH_2CH_2O)_x (CH_2)_f C(=Y_6)_-$
- $-C(=Y_6)-Y_7-(CH_2)_f-O-(CH_2CH_2O)_x-(CH_2)_f-Y_7-C(=Y_6)-$
- -C(=Y₆)-NR₂₃-(CH₂)_f-O-(CH₂CH₂O)_x-(CH₂)_f-NR₂₃-C(=Y₆)-,
- $-(CR_{24}R_{25})_{e}-O-(CH_{2})_{f}-O-(CH_{2}CH_{2}O)_{x}-(CH_{2})_{f}-O-(CR_{24}R_{25})_{e}$, and
- -NR₂₃-(CH₂)_f-O-(CH₂CH₂O)_x-(CH₂)_f-NR₂₃-

wherein: Y₆ and Y₇ are independently O, S or NR₂₃;

x is the degree of polymerization;

 R_{23} , R_{24} and R_{25} are independently selected from among H, $C_{1.6}$ alkyls, $C_{3.12}$ branched alkyls, $C_{3.8}$ cycloalkyls, $C_{1.6}$ substituted alkyls, $C_{3.8}$ substituted cycloalkyls, aryls, substituted aryls, aralkyls, $C_{1.6}$ heteroalkyls, substituted $C_{1.6}$ heteroalkyls, $C_{1.6}$ alkoxy, phenoxy and $C_{1.6}$ heteroalkoxy;

e and f are independently zero, one or two; and

A is a capping group.

- 10. (Original) The compound of claim 9, wherein R_1 comprises -O-(CH_2CH_2O)_x and x is a positive integer so that the weight average molecular weight is at least about 20,000.
- 11. (Original) The compound of claim 3, wherein R₁ has a weight average molecular weight of from about 20,000 to about 100,000.
- 12. (Original) The compound of claim 3, wherein R₁ has a weight average molecular weight of from about 25,000 to about 60,000.

13. (Original) A compound of claim 3, comprising the formula

14. (Original) The compound of claim 13, wherein D₁ is

15. (Original) The compound of claim 13, wherein D₁ is

16. (Original) The compound of claim 1, wherein L₁ is (CH₂CH₂O)₂.

17. (Original) The compound of claim 1, wherein L₂ is selected from the group consisting of -CH₂-, - CH(CH₃)-, -CH₂C(O)NHCH(CH₃)-, -(CH₂)₂-, -CH₂C(O)NHCH₂-, -(CH₂)₂-NH-, -(CH₂)₂-NH-C(O)(CH₂)₂NH- and -CH₂C(O)NHCH(CH₂CH(CH₃)₂)-.

18. (Original) A compound of claim 1, selected from the group consisting of:

wherein R₁ is a PEG residue and D is selected from the group consisting of:

where B is a residue of an amine or a hydroxyl- containing drug.

19. (Original) A compound of claim 18, wherein B is a residue of a member of the group consisting of: daunorubicin, doxorubicin; p-aminoaniline mustard, melphalan, Ara-C (cytosine arabinoside), leucine-Ara-C, and gemcitabine

20. (Original) A method of treatment, comprising administering to a mammal in need of such treatment an effective amount of a compound of claim 1, wherein D₁ is a residue of a biologically active moiety.

- 21. (Original) A method of treatment, comprising administering to a mammal in need of such treatment an effective amount of a compound of claim 18.
- 22. (Currently Amended) The compound of claim 1, wherein Ar comprises the formula:

wherein R_{11} and R_{18-20} are individually selected from the group consisting of hydrogen, C_{1-6} alkyls, C_{3-12} branched alkyls, C_{3-8} cycloalkyls, C_{1-6} substituted alkyls, C_{3-8} substituted cycloalkyls, aryls, substituted aryls, aralkyls, C_{1-6} heteroalkyls, substituted C_{1-6} heteroalkyls, C_{1-6} alkoxy, phenoxy and C_{1-6} heteroalkoxy heteroakoxy.

- 23. (Original) The compound of claim 22, wherein R₁₁ and R₁₈₋₂₀ are each H or CH₃.
- 24. (Previously Presented) A method of preparing a polymer conjugate, comprising: reacting a compound of the formula (VIII):

$$H-J \longrightarrow L_{1} \qquad L_{2} \qquad C \qquad R_{13} \qquad R_{15} \qquad Y_{5} \qquad (VIII)$$

$$R_{14} \qquad R_{16} \qquad R_{11} \qquad R_{11}$$

wherein

(v) and (t) are independently 0 or a positive integer up to about 6; J is NR_{12} or

L₁ and L₂ are independently selected bifunctional linkers;

Y₄₋₅ are independently selected from the group consisting of O, S and NR₁₇;

 R_{11-17} are independently selected from the group consisting of hydrogen, C_{1-6} alkyls, C_{3-12} branched alkyls, C_{3-8} cycloalkyls, C_{1-6} substituted alkyls, C_{3-8} substituted cycloalkyls, aryls, substituted aryls, aralkyls, C_{1-6} heteroalkyls, substituted C_{1-6} heteroalkyls, C_{1-6} alkoxy, phenoxy and C_{1-6} heteroalkoxy;

Ar is a moiety which when included in Formula (I) forms a multi-substituted aromatic hydrocarbon or a multi-substituted heterocyclic group; and

B', is a residue of a hydroxyl- or an amine-containing moiety; with a compound of the formula (IX):

$$R_{1} = \left\{ \begin{array}{c} R_{2} \\ C \\ R_{3} \end{array} \right\}_{m}^{Y_{1}} = \left\{ \begin{array}{c} E_{5} \\ C \\ E_{8} \end{array} \right\}_{E_{7}}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{Y_{1}} = \left\{ \begin{array}{c} C \\ C \\ E_{8} \end{array} \right\}_{E_{7}}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C \\ C \\ C \end{array} \right\}_{m}^{E_{5}} = \left\{ \begin{array}{c} C$$

wherein

$$E_{5} \text{ is } - \left(\begin{array}{c} R_{7} \\ \\ \\ C \\ \\ R_{6} \end{array} \right) \begin{array}{c} Y_{2} \\ \\ C \\ \\ D_{3} \end{array}$$

E₆₋₈ are independently H, E₅ or

$$\begin{array}{c|c}
 & Y_3 \\
 & \parallel \\
 & C \\
 & P_4
\end{array}$$

D₃ and D₄ are independently OH, a leaving group which is capable of reacting with an unprotected amine or hydroxyl or a terminal branching group;

R₁ is a polymeric residue;

Y₁ is O, S or NR₄;

M is O, S or NR₅;

- (a) is zero or one;
- (m) is 0 or a positive integer;
- (n) and (p) are independently 0 or a positive integer;

Y₂₋₃ are independently O, S or NR₁₀; and

 R_{2-10} are independently selected from the group consisting of hydrogen, C_{1-6} alkyls, C_{3-12} branched alkyls, C_{3-8} cycloalkyls, C_{1-6} substituted alkyls, C_{3-8} substituted cycloalkyls, aryls, substituted aryls, aralkyls, C_{1-6} heteroalkyls, substituted C_{1-6} heteroalkyls, C_{1-6} alkoxy, phenoxy and C_{1-6} heteroalkoxy;

provided that E₆₋₈ are not all H;

under conditions sufficient to cause a polymeric conjugate to be formed.